

REMARKS/ARGUMENTS

The Applicant thanks the Examiner for the Official Action dated August 2, 2006. In response to the issues raised, we offer the following submissions and amendments.

Amendments

Claim 1 has been amended to highlight the ability of the cradle to identify the performance characteristics of the cartridge and adjust the operation of the pagewidth printhead accordingly. The use of the print engine controller to verify the cartridge and identify its capabilities is discussed in detail in the specification. Accordingly, the amendments do not add any new matter.

Claims – 35USC§103

Claims 1 and 2 stand rejected as obvious in light of US 6,705,715 to Morita et al. in view of US application 2002/0140758 to Watrobski et al.

Applicant submits that the cited references fail to teach the combination of elements defined by Claim 1. As the cradle has the print engine controller for operatively controlling the printhead, and the replaceable cartridges have the printhead, the print engine controller must first go through the exercise of establishing the performance parameters of the cartridge upon installation in the cradle. Once these parameters are established, the power and data transmissions to the printhead can be optimized for that cartridge.

As the Morita cartridges do not have an inbuilt printhead, there is no need for the print engine controller to check the capabilities of the cartridge and adjust the operation of the printhead accordingly. Likewise, as Watrobski does not have cartridges with differing grades of performance, there is no suggestion that the print engine controller would operate the printhead in different modes for different cartridges.

As the cited references do not disclose all the elements of claim 1, the fail to support a §103 rejection. Likewise claim 2 is novel and inventive by virtue of its dependence from claim 1. Similarly, claims 3, 4 and 5 are not anticipated by Morita and Watrobski in view of the additional references because they too are dependant, directly or indirectly, on claim 1.

Conclusion

The Applicant respectfully submits that the claim rejection has been successfully traversed. Accordingly favorable reconsideration and allowance of the application is courteously solicited.

Very respectfully,

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